

Docket No. 243472US2TTC/phh



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Hirokazu SEKINE

SERIAL NO: 10/675,960

GAU:

FILED: October 2, 2003

EXAMINER:

FOR: CMOS IMAGE SENSOR

## INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

## REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

## RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

## CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

## DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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**STATEMENT OF RELEVANCY****Reference AA ( US 4,602,289 ) on Form PTO 1449:**

This reference shows a similar structure of CCD area sensor which contains checkered pattern pixel arrangement.

**Reference AB ( US 5,793,071 ) on Form PTO 1449:**

This reference shows a similar structure of CCD linear sensor of the TDI (Time Delay Integration) mode.

**Reference AW ( T. YAMADA, et al. ) on Form PTO 1449:**

This reference shows several merits of checkered pattern CCD area sensor.

Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

243472US2TTC

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## LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Hirokazu SEKINE

FILING DATE

October 2, 2003

GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
/S.G./	AA	4,602,289	07/22/1986	H. SEKINE			
/S.G./	AB	5,793,071	08/11/1998	H. SEKINE			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO	
	AO					
	AP					
	AQ					
	AR					
	AS					
	AT					
	AU					
	AV					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

/S.G./	AW	T. YAMADA, et al., IEEE Journal of Solid-State Circuits, vol. 35, no. 12, pages 2044-2054, "A PROGRESSIVE SCAN CCD IMAGE SENSOR FOR DSC APPLICATIONS", December 2000				
	AX					
	AY					
	AZ					<input type="checkbox"/> Additional References sheet(s) attached
Examiner		/Selam Gebriel/ (03/14/2008)				Date Considered 03/14/2008

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.